**Sea Dogs Science**

**Sound Proof Box Rubric**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STANDARDS Score up to:**  u  **CRITERIA – Use rubric as a guide. Self score in each area (below), one score for each row** | 20  Exceptional(16-20 pts) | 15  Great  (11-15) | 8  Pretty good  (4-8) | 3  Poor Effort  (1-3) | 0  Incomplete |
| **Experimental Design:**   * **Addresses the PROBLEM QUESTION “Is it possible to prevent sound from within a shoebox from being heard at 5 feet away”** |  |  |  |  |  |
| **Evidence of Success: (Points Tripled- to 60...)**   * Used a shoebox or similar cardboard/paperboard container * Research (Pre-observation notes on what you learned about how sound travels, what muffles sound) * Materials list—attached to packet * Summary of your findings (Explained what adjustments you made to your original design to improve the soundproofing)—Attached to SILENCING SOUND assignment sheet. | Multiply    Points:  x 3  \_\_\_\_\_\_\_\_  ------------- | Multiply    Points:  x 3  \_\_\_\_\_\_\_  ------------ | Multiply    Points:  x 3  \_\_\_\_\_\_\_\_  ------------- | Multiply    Points:  x 3  \_\_\_\_\_\_\_  ------------- | Multiply    Points:  x 3  \_\_\_\_\_\_\_  ------------- |
| **Work Habits:**   * Participation – in presentation and as sound judge (good sportsmanship) * Neatness * Positive Attitude * Completed on time (Due: ) |  |  |  |  |  |
| * **Total Score:** |  |  |  |  |  |

**Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scoring Key:**

**4 90**-100 (A)

**3** 80-89 (B)

**2** 70-79 (C)

**1** Fewer than 70 (D/F)

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**Final Score**

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